

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/696,909A

Source: FWO

Date Processed by STIC: 3/1/05

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IFWO

RAW SEQUENCE LISTING

DATE: 03/01/2005

PATENT APPLICATION: US/10/696,909A

TIME: 08:06:04

Input Set : A:\-58-2.app

Output Set: N:\CRF4\03012005\J696909A.raw

3 <110> APPLICANT: Lorens, James B.
 4 Atchison, Robert E.
 5 Friera, Anabella
 6 Holland, Sacha
 7 Rigel Pharmaceuticals, Inc.
 9 <120> TITLE OF INVENTION: Modulators of Angiogenesis and Tumorigenesis
 11 <130> FILE REFERENCE: 021044-005820US
 13 <140> CURRENT APPLICATION NUMBER: US 10/696,909A
 14 <141> CURRENT FILING DATE: 2003-10-29
 16 <150> PRIOR APPLICATION NUMBER: US 60/512,251
 17 <151> PRIOR FILING DATE: 2003-10-17
 19 <150> PRIOR APPLICATION NUMBER: US 60/421,989
 20 <151> PRIOR FILING DATE: 2002-10-29
 22 <160> NUMBER OF SEQ ID NOS: 72
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 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 80
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic Axl
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 60 <223> OTHER INFORMATION: AXL receptor tyrosine kinase (AXL), transcript
 61 variant 1 cDNA
 63 <400> SEQUENCE: 3

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150 <210> SEQ ID NO: 4

151 <211> LENGTH: 894

152 <212> TYPE: PRT

153 <213> ORGANISM: Homo sapiens

155 <220> FEATURE:

156 <223> OTHER INFORMATION: AXL receptor tyrosine kinase (AXL), isoform 1; AXL
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159 <400> SEQUENCE: 4

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164           20           25           30
166 Glu Glu Ser Pro Phe Val Gly Asn Pro Gly Asn Ile Thr Gly Ala Arg
167           35           40           45

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176                      85                      90                      95
178 Ile Val Val Ser Gln Leu Arg Ile Thr Ser Leu Gln Leu Ser Asp Thr
179                      100                     105                     110
181 Gly Gln Tyr Gln Cys Leu Val Phe Leu Gly His Gln Thr Phe Val Ser
182                      115                     120                     125
184 Gln Pro Gly Tyr Val Gly Leu Glu Gly Leu Pro Tyr Phe Leu Glu Glu
185                      130                     135                     140
187 Pro Glu Asp Arg Thr Val Ala Ala Asn Thr Pro Phe Asn Leu Ser Cys
188 145                      150                     155                     160
190 Gln Ala Gln Gly Pro Pro Glu Pro Val Asp Leu Leu Trp Leu Gln Asp
191                      165                     170                     175
193 Ala Val Pro Leu Ala Thr Ala Pro Gly His Gly Pro Gln Arg Ser Leu
194                      180                     185                     190
196 His Val Pro Gly Leu Asn Lys Thr Ser Ser Phe Ser Cys Glu Ala His
197                      195                     200                     205
199 Asn Ala Lys Gly Val Thr Thr Ser Arg Thr Ala Thr Ile Thr Val Leu
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202 Pro Gln Gln Pro Arg Asn Leu His Leu Val Ser Arg Gln Pro Thr Glu
203 225                      230                     235                     240
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206                      245                     250                     255
208 His Cys Thr Leu Gln Ala Val Leu Ser Asp Asp Gly Met Gly Ile Gln
209                      260                     265                     270
211 Ala Gly Glu Pro Asp Pro Pro Glu Pro Leu Thr Ser Gln Ala Ser
212                      275                     280                     285
214 Val Pro Pro His Gln Leu Arg Leu Gly Ser Leu His Pro His Thr Pro
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217 Tyr His Ile Arg Val Ala Cys Thr Ser Ser Gln Gly Pro Ser Ser Trp
218 305                      310                     315                     320
220 Thr His Trp Leu Pro Val Glu Thr Pro Glu Gly Val Pro Leu Gly Pro
221                      325                     330                     335
223 Pro Glu Asn Ile Ser Ala Thr Arg Asn Gly Ser Gln Ala Phe Val His
224                      340                     345                     350
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227                      355                     360                     365
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248 465          470          475          480
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257          515          520          525
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263 545          550          555          560
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266          565          570          575
268 Ser Glu Leu Glu Asp Phe Leu Ser Glu Ala Val Cys Met Lys Glu Phe
269          580          585          590
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272          595          600          605
274 Glu Arg Glu Ser Phe Pro Ala Pro Val Val Ile Leu Pro Phe Met Lys
275          610          615          620
277 His Gly Asp Leu His Ser Phe Leu Leu Tyr Ser Arg Leu Gly Asp Gln
278 625          630          635          640
280 Pro Val Tyr Leu Pro Thr Gln Met Leu Val Lys Phe Met Ala Asp Ile
281          645          650          655
283 Ala Ser Gly Met Glu Tyr Leu Ser Thr Lys Arg Phe Ile His Arg Asp
284          660          665          670
286 Leu Ala Ala Arg Asn Cys Met Leu Asn Glu Asn Met Ser Val Cys Val
287          675          680          685
289 Ala Asp Phe Gly Leu Ser Lys Lys Ile Tyr Asn Gly Asp Tyr Tyr Arg
290          690          695          700
292 Gln Gly Arg Ile Ala Lys Met Pro Val Lys Trp Ile Ala Ile Glu Ser
293 705          710          715          720
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299          740          745          750
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302          755          760          765
304 Lys Gln Pro Ala Asp Cys Leu Asp Gly Leu Tyr Ala Leu Met Ser Arg
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307 Cys Trp Glu Leu Asn Pro Gln Asp Arg Pro Ser Phe Thr Glu Leu Arg
308 785          790          795          800
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311          805          810          815
313 Asp Glu Ile Leu Tyr Val Asn Met Asp Glu Gly Gly Gly Tyr Pro Glu
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:22; N Pos. 528,561

Seq#:42; N Pos. 353,445

VERIFICATION SUMMARY

DATE: 03/01/2005

PATENT APPLICATION: US/10/696,909A

TIME: 08:06:05

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L:1797 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:480

M:341 Repeated in SeqNo=22

L:3454 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:300

M:341 Repeated in SeqNo=42